



SEP 4 2002

SERIAL: BSEP 02-0142

U. S. Nuclear Regulatory Commission
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BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 AND 50-324/LICENSE NOS. DPR-71 AND DPR-62
2002 EMERGENCY PREPAREDNESS EXERCISE SCOPE AND OBJECTIVES

Ladies and Gentlemen:

This letter provides the scope and objectives for Carolina Power & Light (CP&L) Company's Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2, 2002 Emergency Preparedness Exercise. This information is being submitted 75 days prior to the scheduled exercise date in accordance with an NRC letter to CP&L dated July 22, 1994, "Submission of Emergency Preparedness Exercise Scope, Objectives and Scenarios."

The exercise is scheduled for November 19, 2002. This exercise is an ingestion pathway, full participation exercise which involves participation from the following offsite response agencies: the State of North Carolina, Brunswick County, New Hanover County, Pender County, Columbus County, and Horry County, South Carolina. These agencies will implement their emergency response plans in support of this exercise.

The July 22, 1994, letter specifies that the exercise objectives and scenario should be protected from disclosure to exercise participants. You are requested to withhold the enclosure, which contains the exercise scope and objectives, from release in the Public Document Room until completion of the exercise.

Please refer any questions regarding this submittal to Mr. Gene Atkinson, Supervisor – Emergency Preparedness Programs, at (910) 457-2056.

Sincerely,

Edward T. O'Neil
Manager - Regulatory Affairs
Brunswick Steam Electric Plant

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Enclosure: 2002 Emergency Preparedness Exercise Objectives

cc (with enclosure):

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U. S. Nuclear Regulatory Commission
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U. S. Nuclear Regulatory Commission **(Electronic Copy Only)**
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cc (without enclosure):

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Chair - North Carolina Utilities Commission
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NOVEMBER 19, 2002 EMERGENCY PREPAREDNESS EXERCISE OBJECTIVES

OBJECTIVES	CR	TSC	OSC	EOF	JIC
1. Demonstrate the ability of the Control Room (CR) to detect accident conditions, assess and project radiological consequences, and formulate near-term mitigating actions.	X				
2. Demonstrate the adequacy of the TSC in providing accident assessment and mitigation.		X			
3. Demonstrate the ability to identify and properly classify the emergency in accordance with the Emergency Plan and implementing procedures.	X	X			
4. Demonstrate the adequacy of procedures for alerting, notifying, and mobilizing emergency response organization personnel.	X	X	X	X	X
5. Demonstrate the timeliness of the initial and follow-up notifications to responsible state and local government agencies.	X			X	
6. Demonstrate the adequacy of the information provided to responsible state and local government agencies in the initial and follow-up notifications.	X			X	
7. Demonstrate the capability to make timely and accurate notifications to the NRC.	X	X			
8. Demonstrate the ability to effectively communicate with plant emergency teams.	X		X		
9. Demonstrate the ability to communicate between emergency response facilities.	X	X	X	X	X
10. Demonstrate the ability to support the radiological assessment process while maintaining radiation exposure As Low As Reasonably Achievable (ALARA).	X	X	X	X	
11. Demonstrate the capability to perform radiological monitoring activities and assessment.		X	X	X	

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OBJECTIVES	CR	TSC	OSC	EOF	JIC
12. Demonstrate the ability to provide adequate radiation protection services, such as dosimetry and personnel monitoring.		X	X	X	
13. Demonstrate the ability to adequately control the spread of contamination and to minimize the radiological exposure of on-site and off-site emergency workers.		X	X	X	
14. Demonstrate the ability to provide appropriate protective action recommendations to off-site government authorities.				X	
15. Demonstrate the ability to activate the Technical Support Center (TSC), Operational Support Center (OSC), Emergency Operations Facility (EOF), and the Joint Information Center (JIC) in accordance with the Emergency Plan and its implementing procedures.		X	X	X	X
16. Demonstrate the ability to coordinate news releases and other public information between CP&L and off-site government authorities.				X	X
17. Demonstrate the ability to coordinate the preparation, review, and release of information for the news media.				X	X
18. Demonstrate the ability to control rumors in accordance with the Emergency Plan and its implementing procedures.					X
19. Demonstrate the ability to prepare for and conduct adequate briefings concerning plant events for the media.					X
23. Demonstrate the activation, operation, and reporting of environmental monitoring teams including collection and analysis of all sample media (e.g. water, vegetation, soil, and air).				X	
24. Demonstrate the assessment of radiological consequences of the accident and of any releases of radioactive material to the environment.				X	

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OBJECTIVES	CR	TSC	OSC	EOF	JIC
26. Demonstrate the ability to transition to the Recovery Plan.				X	
27. Demonstrate the ability to perform a critique at the conclusion of the exercise.	X	X	X	X	X
37. Demonstrate the ability to determine the need for and issuance of radioprotective drugs				X	

Facility Legend:

CR = Control Room

TSC = Technical Support Center

OSC = Operational Support Center

JIC = Joint Information Center

Note: Objective numbers may be out of sequence in support of internal data base tracking